Amendments to the Claims

1. (Currently amended) A method for detecting the interaction of a tyramine receptor ~~an insect G-protein coupled receptor~~ with an endogenous G-protein coupled signaling cascade of an erythroid cell comprising the steps of; transforming an erythroid cell produced by the method of claim 7 with a vector comprising a sequence which encodes a tyramine receptor ~~an insect G-protein coupled receptor~~ under the control of a globin promoter, and measuring the cyclic AMP levels or the free calcium ion concentration within the cell.

2. (Canceled)

3. (previously presented) The method according to claim 1 wherein the erythroid cell is a murine erythroleukaemia cell.

4. (Canceled)

5. (previously presented) An isolated erythroid cell produced by the method of claim 7, which cell is undifferentiated by which is capable of expressing proteins under the control of a globin promoter thereof.

6. (previously presented) The isolated erythroid cell according to claim 30 which comprises a cell as deposited at the European Collection of Cell Cultures under Accession number 99012801.

7. (previously presented) A method of producing an erythroid cell which is undifferentiated but which is capable of expressing a protein under the control of a globin promoter thereof, which method comprises maintaining and growing uninduced erythroid cells in culture for a sufficient period of time that said protein is expressed, and isolating a subclone which expresses said protein.

8-25. (Canceled)

26. (previously presented) The isolated erythroid cell according to claim 6 which is transformed with a vector comprising a sequence which encodes an insect G-protein coupled receptor under the control of a globin promoter.

27. (previously presented) The isolated erythroid cell according to claim 26 which has been further transformed such that it contains a globin promoter associated with a reporter cassette containing a β-galactosidase gene under the control of a response element susceptible to modulation by a signaling cascade of said cell.

28. (previously presented) The isolated erythroid cell according to claim 27 wherein said response element is the Locus control Region (LCR) enhancer, wherein said enhancer is at an optimal distance of said reporter cassette such that the expression of the β-galactosidase gene is dependent on the concentration of a downstream component in the signaling cascade.

29. (Canceled)

30. (previously presented) The isolated erythroid cell according to claim 5 wherein said cell is a murine erythroleukaemia cell.

31. (previously presented) A method for detecting the interaction of a tyramine receptor with an endogenous signaling cascade of an erythroid cell comprising the steps of: providing the erythroid cell according to claim 27 or 28, and measuring the expression levels of the β-galactosidase gene.